

KAPCZYN SKA M.

Outline for qualitative analysis of alkaloids. J. Dauter,
M. Kapczynska, and Z. Wijcik (Poznan Med. Acad.,
Poznan). Bull. soc. amis sci. et lettres Poznan, Ser. C, 5,
21-4 (1955) (in French).—Color reactions are tabulated for
aloin, apomorphine, atropine, brucine, caffeine, cocaine,
codeine, colchicine, dihydroergotamine, emetine, ephedrine,
heroin, morphine, narceine, curcantine, nicotine, papaverine,
pilocarpine, physostigmine, quinine, salicine, scopolamine,
solanine, strophanthus, strychnine, theobromine, ver-
atrine, and yohimbine with HNO_3 , H_2SO_4 , and H_2SO_3 solns.
of furfural, formalin, NH_4 molybdate, NH_4 vanadate, p-
dimethylaminobenzaldehyde, and vanillin. V. C. G.

MD

2
M

✓ Investigation of physostigmine in organs. J. Dadiš,
M. Káberýdka, and Z. Wójtak (Vocna Med. Akad.,
Poland). *Bulletin. amis sci. et lettres. Pologne*, Ser. C, 5,
25-31 (1955) (in French).—Physostigmine, 1-10 mg., was
added to 80 mg. various ground tissue and was recovered by

CH extg. at room temp. for 24 hrs. with 70 ml CHCl_3 . The
 CHCl_3 ext. was evapd. on a water bath and to the syrupy
residue was added 2 ml. distd. water and 2 drops concd.
HCl. After 24 hrs. at room temp. the colorless aq. ext. was
filtered, concd., and made to 1 ml. with distd. water. The
physostigmine content was based on its reaction with 2%
 NaOH (red), read in a Lange Bartsch bromometer against
starch. By this method 100% recovery was obtained.

(2)

DADLEZ, Józef, Prof., Dr.; KAPCZYNSKA, Maria, Dr.; WOJCIAK, Zofia, Dr.

Determination of alkaloids in organs. Bull. Soc. amis sc. Poznan,
ser. C No.6:45-49 1956.

l. Inst. de Pharmacologie et Inst. de Med. Legale de l'Academie de
Med. a Poznan.
(ALKALOIDS, determination,
(Fr))

POLAND/Chemical Technology. Chemical Products and Their
Application. Wood Chemistry. Products. Hydrolysis
Industry.

H

Abs Jour: Ref Zhur-Khim., No 13, 1958, 44682.

Author : Kapczynski J.

Inst :

Title : Sulfamic Acid (As a Wood Impregnation Agent).

Orig Pub: Przen. chem., 1956, 12, No 12, 667-670.

Abstract: In recent years sulfamic acid (H_2NSO_3H) has found extensive applications. On heating this acid and its salts decompose with emission of non-flammable gases. This property is utilized in the impregnation of wood to render it fire-resistant.

Card : 1/1

17

Poland/Chemical Technology - Chemical Products and Their Application. Sulfuric Acid, Sulfur and Its Compounds, I-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62061

Author: Kapczynski, J.

Institution: None

Title: Roasting of Marcasite in Pseudofluidized Bed on a Semiindustrial Scale

Original

Periodical: Fluidyzacyjne spalanie markazytu na skale poltechniczna, Przem. chem., 1954, 10, No 9, 479-481; Polish; English and Russian resumes

Abstract: For roasting in a continuously operating unit marcasite (I) containing 33-46% S and 3-5% H₂O was used. I was fed into the furnace at a rate of 20-90 kg/hour. The reaction started at a temperature >700-800° (the furnace was started with wood). Operation temperature of furnace (depending primarily on the charge) was sometimes >900°. Extent of I roasting is high on proper selection of operation conditions. S content of cinder 1-1.5% (with maximum charge

Card 1/2

Poland/Chemical Technology - Chemical Products and Their Application. Sulfuric Acid, Sulfur and Its Compounds, I-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62061

Abstract: up to 2.5%). With more intensive process and greater difference in I grain size S content of dust reaches 4%. SO_2 concentration in gases can be varied within wide limits. On roasting I by this method it is possible to raise the furnace charge up to $31,200 \text{ kg/m}^2$ per day.

Card 2/2

KAPCZYNSKI, Jerzy; CZORNIK, Franciszek

Stabilized sulfur trioxide. Przem chem 39 no.1:8-10 Ja '60.

1. Zakladowe Laboratorium Badwecze, Poznanskie Zaklady Nawozow
Fosforowych, Poznan.

KAPCZYNKI, Jerzy, dr inz.

Modern trends in the techniques of producing sulfuric acid.
Chemik 16 no.7/8: Insert 1-19 Jl. Ag '63.

1. Zakladowe Laboratorium Badawcze przy Poznanskich Zakladach
Nawozow Fosforowych, Lubon k. Poznania.

KAPCZYNSKI, Jerzy, dr

Application of amidosulfonic acid. Chemik 16 no. 4:112-117
Ap '63.

KUCZYNSKI, Wienczyslaw; KAPCZYNSKI, Jerzy

Experiments in finding optimum conditions for reducing
anhydrite with carbon in a fluidized bed. Przem chem 42
no.10:570-575 0'63.

1. Katedra Technologii Chemicznej, Uniwersytet, Poznan, i
Poznanskie Zaklady Nawozow Fosforowych, Lubon k. Poznania.

KAPCZYNSKI, M.

✓1
9
1826
1/14/53
Removal of arsenic and antimony from zinc sulfate solutions during electrolysis. Zaklady Cynkowe "Szopenice".
Przeds. Padistw. (by Mieczyslaw Kapczynski, Antoni Król,
Danuta Krunkowa, Henryk Lukomski, Jan Nosek, Jerzy
Adamicki, and Zygmunt Bielawski). Praca 41,257, Sept.
10, 1958. Elimination of As and Sb in the $ZnSO_4$ soln. is
simplified by filling the filter press with powd. charcoal 75,
Zn powder 10, $ZnSO_4$ 2, and H_2O 13%. This method in-
creases the degree of elimination of As and Sb by 0.4-0.5
and 0.6-0.7 mg./l., resp.
R. Hulanicka
CFK

KORNACKI, Zygmunt; RUSZKOWSKI, Marian; KAPCZYNSKI, Witold

Studies on intrauterine fetal anoxia. III. Electrophoretic studies of proteins in the amniotic fluid and serum during the course of pregnancy in rabbits. Gin.polska 31 no.2:173-178 Mr-Ap '60.

1. Z II Kliniki Chorob Kobiecyh i Poloznictwa A.M. w Poznaniu.

Kierownik: doc.dr med. E. Nowak.

(ASPHYXIA NEONATORUM exper.)

(BLOOD PROTEINS)

(PROTEINS chem.)

(AMNIOTIC FLUID chem.)

KAPECKA, Krystyna; ZIELINSKA, Krystyna

Influence of added alkyd resin modified with fatty acids on
the water absorbability of polyurethan coatings. Polimery
tworz wielk 8 no. 11: 439-440 N '63.

1. Instytut Farb i Lakierow, Gliwice.

KAPECKA, T.

Reactions of dialkoxophosphoranesulfenyl chlorides with organic thiols. Jan Michalski, Barbara Lenard-Borecka, Teresa Kapecka, and Halina Strzelcza (Politech. Łódź, Poland). *Roczniki Chem.* 33, 1215-7 (1959) (in English).—Thiolic acids, thiophenol, thiocarboxylic, and dialkylthiophosphoric acids (I) react with $(RO_2)_2POCl$ (II) to form asymm. disulfides (III). The following III were obtained: compd. $b_{10} 180^\circ$, $n_D^{20} 1.4803$, $d_4 1.1273$, from II and BuSH; compd. m. 10° , $b_{10} 111^\circ$, $n_D^{20} 1.4660$, $d_4 1.2058$, from PhSH and II; compd. $b_{10} 81^\circ$, $n_D^{20} 1.5005$, $d_4 1.2528$, from II and MeCOSH; and compd., $n_D^{20} 1.4840$, $d_4 1.2489$, purified by mol. distn., from II and $(Et_2O)POSH$. The yields were 85%.

A. Kreglewski

6-104 (103)

Katedra chemii organicznej Politechniki, Łódź i Zakład Syntezy Organicznej Polskiej Akademii Nauk, Łódź.

POPIELA, Waclaw; KAPECKA, Teresa; CYPRYK, Jerzy

Studies on the course of acetilization of polyvinylalcohol
fibers with formaldehyde. Polimery tworz wielk 9 no.3:107-
110 Mr '64.

1. Institute of Artificial and Synthetic Fibers, Lodz.

SOPIELA, W.; KAPECKA, T.; CYPRYK, J.

Effect of acetylation on the properties of polyvinyl alcohol
fibers. Przegl wlokiien 18 no.10:445-448 0 '64.

BORECKA, Barbara; KAPECKA, Teresa; MICHALSKI, Jan

Organophosphorus derivatives of sulfur and selenium. XIX.
Addition of dialkoxyoxophosphoranesulfenyl chlorides $(RO)_2P(O)SCl$ to unsymmetrical ethylenic hydrocarbons. Roczn. chemii 36
no.1:87-95 '62.

1. Department of Organic Chemistry, Institute of Technology, Lodz,
Institute of Organic Synthesis, Polish Academy of Sciences, Lodz.

45380
S/081/63/000/002/027/088
B166/B138

5.06.30

AUTHORS:

Borecka, Barbara, Kapecka, Teresa, Michalski, Jan

TITLE:

Organophosphorus derivatives of sulfur and selenium.
Part XIX. Addition of diethyl-S-chlorothiophosphates
(RO)₂P(O)SCl to unsymmetrical ethylenic hydrocarbons

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 2, 1963, 236-237,
abstract 2Zh226 (Roczn. chem., v. 36, no. 1, 1962, 87-95
[Eng.; summaries in Pol. and Russ.])

TEXT: When (RO)₂P(O)SCl (I) are added to $\text{CH}_2=\text{CR}'\text{R}''$ according to Markovnikov's law (RO)₂P(O)SCH₂C(Cl)R'R'' (II) are formed. By chlorinating II in the presence of water R'R''CClCH₂SO₂Cl (III) were produced and these were converted into R'R''CH=CHSO₂Cl (IV). In the standard test a stream of dry propylene is passed into a solution of 0.1 mole I (R = C₂H₅) in 30 ml C₆H₆, stirring and cooling well (20-30°C) until the yellow tint of I disappears; the solvent is distilled off under vacuum and II is

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S/081/63/000/002/027/088
B166/B138

Organophosphorus derivatives of ...

separated by distillation. The following data are given for II, R, R', R'', yield %, b.p. in °C/mm, nD (temp. in °C): CH₃, H, CH₃, 84, 68/0.01, 1.4840 (20); C₂H₅, H, CH₃ (IIa), 74, 60/0.02, 1.4818 (20); n-C₄H₉, H, CH₃, 58, 90/0.01, 1.4712 (20); CH₃, CH₃, CH₃, 95.5, 67/0.05, 1.4818 (25); C₂H₅, CH₃, CH₃, 73, 73/0.05, 1.4755 (25); n-C₄H₉, CH₃, CH₃, 73.2, 103/0.01, 1.4699 (25); CH₃, H, C₆H₅, 82, 95/0.02, 1.5459 (25); C₂H₅, H, C₆H₅, 85, 105/0.01, 1.5292 (20). Cl₂ is bubbled into a suspension of 56 g IIa in 0.2 l water, stirring thoroughly and cooling (30°C) until saturation is reached, excess chlorine is blown off with air and III (R' = H, R'' = CH₃) (IIIa) are extracted with C₆H₆ (4 x 50 ml), yield 80%, b.p. 90-91°C/15 mm, n²³D 1.4859. 0.15 moles C₆H₅NH₂ are added to a solution of 0.05 moles IIIa in 50 ml C₆H₆, after 5 hrs (~20°C) the sediment is separated, the solvent is removed under vacuum, the residue is dissolved in 100 ml 2 N NaOH, extracted with ether and CH₃CH=CHSO₂NH₂C₆H₅.

Card 2/3

Organophosphorus derivatives of ...

5/081/63/000/002/b27/b09
B166/B158

is separated out by acidifying an aqueous solution with a 10% HCl solution, yield 86.5%, m.p. 94-95°C. The following were produced in the same way: III (R' = R" = CH₃), yield 50%, b.p. 94-95°C/25 mm, n^{20}_D 1.4850, (CH₃)₂C-CHSO₂NHC₆H₅, yield 67%, m.p. 70-71°C, and III (R' = H, R" = C₆H₅) (IIIb), yield 74%, b.p. 84-85°C/0.1 mm, n^{21}_D 1.5635. A solution of 0.1 moles CH₃(C₆H₅)₂N in 50 ml C₆H₆ is added a drop at a time, stirring and cooling (15 - 20°C), to a solution of 0.1 moles IIIb in 150 ml C₆H₆; the yield of IV (R' = H, R" = C₆H₅) (IVa) is 83%. C₆H₅CH-CHSO₂NHC₆H₅ was produced at a yield of 93% from 0.05 moles IVa and 0.1 moles C₆H₅N₂ in C₆H₆ (~20°C, 1 hr). For part XVIII see RZhKhim, 1962, 24Zh471.

[Abstracter's note: Complete translation.]

Card 3/3

KAPEK, A., ins.

40 years of struggle for progress. Stroj vyr 9 no.5:221-222
'61.

1. Podnikovy reditel, narodni podnik Ceskomoravska-Kolben-
Danek Praha.

KAPEK, Antonin, inz.

Ensuring the results of the 12th Congress of the Communist Party
of Czechoslovakia. Stroj vyr 11 no.1:1-2 '63.

1. Podnikovy reditel, Ceskomoravska-Kolben-Danek Praha, n.p.

KAPEK, Antonin, inz.

Mobilization of all forces and resources for the performance
of the Decision of the 12th Congress of the Communist Party
of Czechoslovakia. Stroj vyr 11 no. 7:329 '63.

1. Podnikovy reditel Ceskomoravska-Kolben-Danek Praha; kandidat
predsednictva ustredniho vyboru Komunistické strany Ceskoslo-
venska.

S/121/63/000/002/004/010
D040/D112

AUTHORS: Kapel', A.P. and Lyubimskiy, D.G.

TITLE: Automatic centerless grinders developed by SKB-6

PERIODICAL: Stanki i instrument, no.2, 1963, 12-16

TEXT: A detailed description is given of the design and operation of the new 6S (6S) basic range of centerless grinder models developed by the Design Office No 6 (SKB-6). It includes seven models - the 6S71, 6S133, 6S136, 6S137, 6S147, 6S68 and 6S168. The first four are now being produced by the Moscow "Stankeliniya" Plant, and the last two are still under development. In all models the grinding wheel and the regulating wheel heads move on the ways while the work rest is fixed, the grinding wheel is fed to the work by tilting the grinding head, the grinding wheel wear is automatically compensated, and the wheel truing is automatic. The basic models, which accommodate work with a maximum diameter between 390 and 15 mm, have also been modified for special purposes. Wide grinding wheels, and grinding on two or three grinders in line instead of using 6 to 20 grinding passes as is usual, are the design features. The hydraulic drive is eliminated in through-feed.

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8/12/63/000/002/004/010
D040/D112

Automatic centerless grinders developed by SKB-6

grinders, and in in-feed grinders the use of hydraulics is minimal. The control of the wheel motion to the work is highly accurate due to a special electrically sensitive limit stop which is illustrated and described. The accuracy of the grinding feed motion control is within 1-2 μ . If used in transfer lines, all grinders are fitted with automatic loading and unloading devices. A cross section view of the 6S136 is shown. There are 3 figures and 1 table. ✓

Card 2/2

COUNTRY : USSR
CATEGORY : Cultivated Plants.
Potatoes. Vegetables. Cucurbits.
ABS. JOUR. : RZhBiol., No. 3, 1959, No. 10959 M
AUTHOR : Kapelev, I. G.
INST.
TITLE : An Experiment in the Use of Greenhouses Heated by Sun.

ORIG. PUB. : Sad i Ogorod, 1958, No. 1, 20-22

ABSTRACT : Recommendations on the use of gable roof greenhouses of 40 frames with the useful area of 63.6 square meters heated by sun in the autumn, winter and early spring periods under the conditions of the southern coast of Crimea. In winter months, the temperature in these greenhouses does not drop below +5°. The depth of the foundation pits of the greenhouses is 45 cm. The direction of the greenhouses is from the north to the south. The frames are taken off in summer. At the end of October, there are set out in the greenhouses lettuce seed-

CARD: 1/2

KAPELEV, I.G.

Organic-mineral fertilizers as an important potentiality for
increasing the yield of early vegetables. Agrobiclogia no.2:
297-298 Mr-Ap '64. (MIRA 17:6)

1. Sel'skokhozyaystvennyy tekhnikum, g. Yalta.

KAPELEVICH, G. M.

Cand Tech Sci

Dissertation: "Certain Problems in the Stability of Compressed Orthotropic Plates."

14 June 49

Central Sci Res Inst of Industrial Structures.

SO Vecheryaya Moskva
Sum 71

NIKIFOROV, S.I.; BLYUER, V.A., retsenzent; PAVLOVA, M.I., retsenzent;
KAPELEVICH, Ye.I., redaktor; NEFASOVA, O.I., tekhnicheskiy
redaktor

[The planning of cotton weaving factories] Proektirovanie khlopkotkatskikh fabrik. Issd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhn. issd-vo Ministerstva legkoi promyshl. SSSR, 1956. 277 p.
(Cotton manufacture) (MLB 9:10)

KATELEVICH, YE. I.

RAKOV, Aleksandr Pavlovich, professor; MILOVIDOV, Nikolay Nikolayevich, inzhener; BUKHALEV, Aleksandr Vasil'yevich, inzhener; TARASOV, Ivan Ivanovich, inzhener; STASHEV, A.G., resezent; KAPELEVICH, Ye.I., redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor

[Cotton spinning] Priesdenie khlopka. Izd. 2-oe, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo M-vn legkoi promyshl. SSSR, 1957. 518 p. (MLIA 10:10)
(Cotton spinning)

ZOLOTAREV, N.I., kand. tekhn. nauk, red.; KAPELEVICH, Ye.I., red.;
MEDVEDEV, L.Ya., tekhn. red.

[Scientific research papers; collection of reports on work
completed during 1958] Nauchno-issledovatel'skie trudy;
sbornik rabot za 1958 god. Pod red. N.I. Zolotareva. Mo-
skva, Izd-vo nauchno-tekhn.lit-ry RSFSR, 1960. 156 p.
(MIRA 15:8)

1. Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut
khlopychatobumazhnoy promyshlennosti.
(Cotton manufacture) (Research, Industrial)

ACC NR: AP7003460

SOURCE CODE: PO/0097/66/007/004/0403/0419

AUTHOR: Kaliński, S. (Warsaw); Kapelewski, J. (Warsaw); Makowski, Z. (Warsaw)

ORG: Department of Vibrations, IBTP, Polish Academy of Sciences

TITLE: Surface waves in piezoquartz

SOURCE: Proceedings of vibration problems, v. 7, no. 4, 1966, 403-419

TOPIC TAGS: crystal, piezoelectric crystal, quartz crystal, crystal vibration, piezoquartz, surface wave, ultrasonic surface wave, hypersonic surface wave, surface wave amplification, surface wave amplifier, perturbation solution, closed form solution

ABSTRACT: Numerical solutions of the problem of surface-wave propagation in piezoquartz were presented. Surface-wave propagation velocities and damping decrements in the x_1 , x_2 , and x_1 , x_3 , planes of the crystal were determined. A closed-form perturbation solution with a simultaneous isotropic approximation of the crystal's elastic properties was also given. The qualitative and quantitative usefulness of such a approximation was evaluated. The present piezoquartz

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ACC NR: AP7003460

surface-wave research, in addition to filling a gap in existing solutions, becomes particularly important in connection with problems of amplifying ultrasonic and hypersonic surface waves in piezoelectric crystals, and especially in piezoquartz. The perturbation solutions make it possible to obtain closed-form solutions for problems of surface-wave amplifiers. Before, however, they must be evaluated and verified with accurate solutions, which was the actual purpose of the present study. Orig. art. has: 2 figures and 98 formulas. [Based on authors' abstract]

[DR]

SUB CODE: 08, 09/SUBM DATE: 25Aug66/ORIG REF: 007/SOV REF: 001/
OTH REF: 003/

Card 2/2

KAPELEWSKI, J.; ROSINSKI, K.

A theoretical study of level crossing effect in ^{23}Na and ^{85}Rb .
Bul Ac Pol math 13 no.1:61-67 '65.

1. Institute of Experimental Physics of Warsaw University
and Institute of Physics of the Polish Academy of Sciences,
Submitted October 12, 1964.

L 20822-66 EWP(t) IJP(c) JD/JG

ACC NR: AP6000641

SOURCE CODE: P0/0045/65/028/002/0177/0191

AUTHOR: Kapalewski, J.; Rosinski, K.ORG: Institute of Experimental Physics, Warsaw University; Institute of Physics, Polish Academy of Sciences, WarsawTITLE: Theoretical evaluation of level "crossing" parameters for certain alkali metal atomsSOURCE: Acta physica polonica, v. 28, no. 2, 1965, 177-191TOPIC TAGS: alkali metal atom, magnetic field, electromagnetic energy, electron energy level, electromagnetic interaction, magnetic field intensity, Zeeman effect

21, 4415
ABSTRACT: The dependence of the energy of Zeeman splitting in the first excited state $^2P_{3/2}$ of ^{23}Na and ^{11}Rb on magnetic fields of intermediate strength was found in the form of secular equations and diagrams. Calculation included quadrupole interaction, too. The following parameters describing the level crossing effect are calculated: the magnetic field values at which crossing occurs, the best geometry, and the half-width and relative intensity of level crossing signal. Good agreement was found between theory and available experimental data. The authors thank Professor T. Skalinski for his interest in this investigation.

Card 1/2

L 20822-66

ACC NR: AP6000641

Orig. art. has: 6 figures, 2 tables, and 28 formulas. [Based on
author's abstract] [WT]

SUB CODE: 20/ SUBM. DATE: 05Jan65/ ORIG REF: 002/ OTH REF: 028/
SOV REF: 002

Card 2/2

"APPROVED FOR RELEASE: 06/13/2000

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APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420014-3"

L 4395-66 EAT(m) DIAAP
ACC NR: AP5017904

UR/0051/65/019/001/0135/0136
539.182

AUTHOR: Kapelevskiy, Yu.; Rosinskiy, K.

TITLE: Theoretical studies of phenomena associated with level crossing in Na-23 and
and Rb-85

SOURCE: Optika i spektroskopiya, v. 19, no. 1, 1965, 135-136

TOPIC TAGS: sodium, rubidium, Zeeman effect, hyperfine structure, line width, line
intensity

ABSTRACT: The article presents the results of a theoretical determination of the
quantities characterizing the crossing of the Zeeman levels of the hyperfine structure
in the $3^2P_{3/2}$ state of Na and $5^2P_{3/2}$ state of Rb. The strengths of the magnetic
fields H_{cr} for which level crossing arises, the widths of the corresponding maxima,
and the intensity of the interference phenomena were calculated. H_{cr} was obtained by
evaluating the dependence of the Zeeman level energies on the magnetic field. The
nuclear quadrupole moment was taken into account in calculating the hyperfine struc-
ture. The half-width, intensity, and anisotropy of the effect were determined for the
case of unpolarized light by using the general expressions derived by M. E. Rose and
R. L. Carovillano (Phys. Rev. v. 122, 1185, 1961). The numerical values obtained are

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L 4395-66

ACC NR: AP5017904

listed. The results for sodium are in good agreement with the experimental data. Comparison with the results for rubidium are now under way. A more detailed report including results for polarized light, will be published in Acta Physica Polonica.

ASSOCIATION: Varshavskiy universitet Pol'sha (Warsaw University)

SUBMITTED: 31Oct64

ENCL: 00

SUB CODE: OP

NR REF Sov: 001

OTHER: 006

Card 2/2 *SP*

KAPELEVSKIY, Yu.; ROSINSKIY, K.

Theoretical examination of the effects related to the intersection
of levels in Na²³ and Rb⁸⁵. Opt. i spektr. 19 no.1:135-136 J1 '65.
(MIRA 18:8)

KARSLINJKY, Yu.

Agriculture - China

Successes in the development of agriculture in China. Sots. sel'khoz 23, No. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

KAPELINSKIY, YU. N.

1
751
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Mezhdunarodnaya torgovlya (International trade) Pod red. I. S. Potapov,
G. S. Roginskiy, Yu. N. Kapelinskiy. Moskva, Vneshtorgizdat, 1954.
686 p. tables.

SLADKOVSKIY, M.I., redaktor; KARLINSKIY, Yu. N., redaktor; LEVITAN, I.M.,
redaktor izdatel'stva; LEVCHUK, K.V., redaktor izdatel'stva;
LESKANOVA, I.S., tekhnicheskiy redaktor

[Economic development of Asiatic people's democracies; a review of
1956] Razvitiye ekonomiki stran narodnoi demokratii Azii; obzor za
1956 g. Moskva, Vneshtorgizdat, 1957. 318 p. (MIRA 10:10)

1. Moscow. Muchno-issledovatel'skiy kon'yunkturnyy Institut
(Asia--Economic conditions)

KAPELINSKIY, Yu

GORYUNOV, V.; KAPELINSKIY, Yu

International division of labor and economic collaboration of
socialist countries. Sots.trud no.10:73-83 O '57. (MIRA 10:11)
(Division of labor) (International economic relations)

KAPELINSKIY, Yu.N.; POLYANIN, D.V.; MUSZHINSKIY, Ye.A.; IVANOV, I.D.; SERGEEV, Yu.A.; KOSTYUKHIN, D.I.; DUDUKIN, A.N.; IVANOV, A.S.; FINOGENOV, V.P.; ZAKHAROV, M.I.; SOLODKIN, R.G.; DUSHEN'KIN, V.N.; BOGDANOV, O.S.; SIROVA, L.V.; GONCHAROV, A.N.; KARSHIN, G.I.; LYUBSKIY, M.S.; PUCHIK, Ye.P.; SIROVA, L.V.; KAMENSKIY, N.N.; SABEL'NIKOV, L.V.; FEDOROV, B.A.; GERCHIKOV, I.N.; KARAVAYEV, A.P.; KAMPOV, L.N.; SHIPOV, Yu.P.; VLADIMIRSKIY, L.A.; KUTSEMOV, A.A.; BYABININA, E.D.; ANAN'YEV, P.G.; BOGOV, V.V.; BELOSHAPKIN, D.K.; SHYVUL'MULYUKOV, A.M.; PANKIN, A.Ya.; SMIKHOV, V.P.; ALEKSEYEV, A.Y.; SHIL'IKHET, V.A.; CHURAKOV, V.P.; BORISENKO, A.P.; ISUPOV, V.T.; ORLOVA, N.V., red.; GORYUNOVA, V.P., red.; BELOSHAPKIN, D.K., red.; GEORGIYEV, Ye.S., red.; KOSARIN, Ye.A., red.; KOSTYUKHIN, D.I., red.; MAYOROV, B.V., red.; PANKIN, M.S., red.; PICHUGIN, B.M., red.; POLYANIN, D.V., red.; SOLODKIN, R.G., red.; UPIMOV, I.S., red.; EKHIN, P., red.; SMIKHOV, G., tekhn.red.

[Economy of capitalist countries in 1957] Ekonomika kapitalisticheskikh stran v 1957 godu. Pod red. N.V.Orlova, Iu.N.Kapelinskogo i V.P.Goriunova. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1958.
686 p. (MIRA 12:2)

1. Moscow. Nauchno-issledovatel'skiy kon'yunktturnyy institut.
(Economic conditions)

KAPELINSKIY, V. N.; POLYANIN, D.V.; ZOTOV, G.M.; IVANOV, I.D.; SERGEYEV, Yu.A.; MELZHINSKIY, Ye.A.; KOSTYUKHIN, D.I.; DUDUKIN, A.N.; IVANOV, A.S.; FINOGENOV, V.P.; ZAKHMATOV, M.I.; SOLODKIN, R.G.; DUSHEN'KIN, V.N.; BOGDANOV, O.S.; SEROVA, L.V.; GONCHAROV, A.N.; LYUBSKIY, M.S.; PUCHIK, Ye.P. [deceased]; KAMENSKIY, N.N.; SABEL'NIKOV, L.V.; GERCHIKOVA, I.N.; FEDOROV, B.A.; KARAVAYEV, A.P.; KARPOV, L.N.; VARTUMYAN, E.L.; SHIPOV, Yu.P.; ROGOV, V.V.; BOGDANOV, I.I.; VLADIMIRSKIY, L.A.; LEBEDEV, B.I.; ANAN'YEV, P.G.; TRINICH, F.A.; GOLOVIN, Yu.M.; MATYUKHIN, I.S.; SEYFUL'MULYUKOV, A.M.; SHIL'DKRUT, V.A.; ALEKSKYEV, A.P.; BORISENKO, A.P.; CHURAKOV, V.P.; SHASTITKO, V.M.; GERUS, V.G.; ORLOV, N.V., red.; KAPELINSKIY, Yu.N., red.; GORYUNOV, V.P., red. V redaktsirovaniyu priminali uchastiye: BLOSHAPKIN, D.K., red.; GEORGIYEV, Ye.S., red.; KOSAREV, Ye.A., red.; PANKIN, M.S., red.; PICHUGIN, B.M., red.; SHKAREMKOV, Yu.S., red.; MAKAROV, V., red.; BORISOVA, K., red.; CHEPELEVA, O., tekhn.red.

[The economy of capitalistic countries in 1958] Ekonomika kapitalisticheskikh stran v 1958 godu. Pod red. N.V.Orlova, Iu.N.Kapelinskogo, V.P.Goriunova. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1959. 609 p. (MIRA 12:12)

1. Moscow. Nauchno-issledovatel'skiy kon'yunkturnyy institut.
(Economic conditions)

~~KAPLINSKIY, Yu.N., kand.ekonom.nauk; KISVYANTSEV, L.A.; PANKIN, N.S.;~~
~~PRACHEV, Yu.A., kand.ekonom.nauk; SHININ, V.P.; SYCHEV, V.G.;~~
~~YUZHNOV, P.K., prof., red.; SLEIKOVSKIY, M.I., doktor ekonom.~~
~~nauk, red.; LEVITAN, I.M., red.issd-va; PAVLOVSKIY, A.A.,~~
~~tekhn.red.~~

[Growth of the economy and the foreign commerce of the Chinese People's Republic] Razvitiye ekonomiki i vnesheekonomicheskikh
sviazei Kitaiskoi Narodnoi Respubliki. Moskva, Vneshtorgizdat,
1959. 559 p. (MIRA 12:6)
(China--Economic conditions) (China--Commerce)

KAPELINSKIY, Yu.N., red.; GEORGIEV, Ye.S., red.; NABOROV, V.B., red.;
PICHUGIN, B.M., red.; POLYANIN, D.V., red.; SOLODKIN, R.O.,
red.; ARAV, O., red.; NAZAROVA, V., mladshiy red.; CHEPERINA, O.,
tekhn.red.

[The economy of capitalist countries in 1960; economically
developed countries] Ekonomika kapitalisticheskikh stan
v 1960 godu; ekonomicheski raspvitye strony. Pod red. Yu.N.
Kapelinskogo. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961.
441 p. (MIRA 14:12)

(Economic conditions)

POLEZHAYEV, Valentin Nikolayevich; KAPELINSKIV, Yu.N., red.;
ISKANDARYAN, A.A., red. izd-va; TSAGURIYA, G.M., tekhn.
red.

[Foreign trade as an important factor of peaceful
coexistence] Vneshniaia torgovlia - vazhnyi faktor mirnogo
sosushchestvovaniia. Moskva, Vneshtorgizdat, 1962. 58 p.
(MIRA 15:11)

(Russia--Commerce)

POLYANIN, D.V.; ZOTOV, G.M.; GRYAZNOV, E.A.; MENZHINSKIY, Ye.A.; RUBININ, A.Ye.; CHEBOTAREVA, Ye.D.; ZAKHMATOV, M.I.; OKUNEVA, L.P.; SHMELEV, V.V.; STULOV, A.A.; POKROVSKIY, A.N.; SHIL'DKRUT, V.A.; IVANOV, A.S.; NABOROV, V.B.; FINOGENOV, V.P.; KUR'YEROV, V.G.; KHRAMTSOV, B.A.; BATYGIN, K.S.; BOGDANOV, O.S.; KROTOV, O.K.; GONCHAROV, A.N.; KRESTOV, B.D.; LYUBSKIY, M.S.; SOKOL'NIKOV, G.O.; KAMENSKIY, N.N.; YASHCHENKO, G.I.; SABEL'NIKOV, L.V.; GERCHIKOVA, I.N.; FEDOROV, B.A.; STEPANOV, G.P.; BORODAYEVSKIY, A.D.; INCATUSHCHENKO, S.K.; VARTUMYAN, E.L.; KAPELINSKIY, Yu.N., red.; MAYOROV, B.V., red.; NABOROV, V.B., red.; SOLODKIN, R.O., red.; DROZDOV, A.G., red.; ROSHQHINA, L., red.; SOLOV'YEVA, G., mladshiy red.; CHEPELEVA, O., tekhn. red.

[The economy of capitalist countries in 1961; economically developed countries] Ekonomika kapitalisticheskikh stran v 1961 godu; ekonomicheski razvitye strany. Pod red. Iu.N.Kapelinskogo. Moskva, Sotsksgiz, 1962. 447 p. (MIRA 16:2)
(Economic history)

POTAPOV, I.S.; FINOGENOV, V.P.; SOLODKIN, R.G.; KAPELINSKIY, Yu.N.;
MENZHINSKIY, Ye.A.; SEROVA, L.V.; POLOVSKIY, A.N.;
PEVZNER, Ya.A.; LEBEDEV, B.I.; VLADIMIRSKIY, L.K.;
MATYUKHIN, I.S.; ROGOV, V.V.; PISKOPPEL', F.G., doktor ekon.
nauk, prof., red.; SHLENSKAYA, V.A., red.izd-va; ZINCHENKO,
V.S., red.izd-va; PAVLOVSKIY, A.A., tekhn. red.

[Foreign trade of capitalist countries] Vneshniaia torgovlia
kapitalisticheskikh stran. [By] I.S.Potapov i dr. Moskva,
Vneshtorgizdat, 1963. 456 p. (MIRA 16:9)
(Commerce)

KAMENSKIY, Nikolay Nikolayevich; KAPELINSKIY, Yu.N., red.; ZINCHENKO, V.S., red.izd-va; PAVLOVSKIY, A.A., tekhn. red.

[Belgium; economy and foreign trade] Bel'gia; ekonomika i vneschniaia torgovlia. Moskva, Vneshtorgizdat, 1962. 160 p.
(MIRA 17:3)

AUTHOR: Kapeliovich, A.V. SOV/5-58-4-30/43

TITLE: The Processes of Diffusion and Mineralization in the Last Stages of the Epigenesis (Protsessy rastvorenija i mineralizatsii v posledney stadii epigeneza)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody, Otdel geologicheskiy, 1958³ Nr 4, pp 155-156 (USSR)

ABSTRACT: This is a summary of a report given by the author at a conference of the Moscow Society of Naturalists on 18 April 1958. Drillings in the Odessa and Moldaviya regions (to a depth of 1611-1544 m and 1400-1385 m) showed that there are far-reaching transformations in the arkose sandstones and gravel of the Mogilev formation, which have been caused by diffusion and mineralization in the last stages of the epigenesis. The author gives a detailed explanation of this process.

1. Rock--Geology

Card 1/1

KAPELIOVICH, R. L.

Exercise therapy in radical operations on the lungs. Khirurgia
no.4:92-97 '62. (MIRA 15:6)

1. Iz kafedry fizicheskogo vospitaniya i lechivnoy fakul'tury
(sav. - dotsent L. I. Levandovskiy) i kafedry fakul'tetekoy
khirurgii (sav. - saslushennyj deyatel' nauki prof. N. N. I
Yelanskiy) i Moskovskogo ordena Lenina meditsinskogo instituta
imeni I. M. Sechenova.

(LUNGS—SURGERY) (EXERCISE THERAPY)

KAPELIOVICH, R.N.

New reagent for ascertaining the presence of blood using micro-spectral analysis. Sud.-med. ekspert. 4 no.32-33 Jl-S '61.
(MIRA 14:10)

1. Upravleniye militsii Ministerstva vnutrennikh del Belorusskoy
SSR.

(CHEMICAL TESTS AND REAGENTS) (SPECTRUM ANALYSIS)

PUT', A.L.; KAPELIST, K.V.

Fossil mammals of the Male-Kokhnevka open pit in the Kremen-chug region. Pratsi Inst. zool. AN URSR 30:130-133 '61.
(MIRA 16:8)

KAPELIST, K.V.

Fauna of the late paleolithic site of Osokorovka. Zbir. prats'
Zool. muz. AN URSR no. 29:96-100 '60. (MIRA 14:4).
(Osokorovka region—Paleontology)

KAPEL'KA, S.

How IUrA was freed from the influence of sectarians. Rab. 1-sial. 36
no. 4:17 Ap '60. (MIRA 14:5)
(White Russia—Sects)

KAREL'KA, V.I.

Conchostraca of the family Lynceidae from the Lower Cretaceous.
Trudy DFNII no. 9:120-125 '62
(MIRA 18:2)

KAPELK'A, V.I.; NOVOZHILOV, N.I.

Phylum Arthropoda. Class Crustacea: Subclass Branchiopodoidea
(Gnathostacea). Trudy SNIIGGIMS no.21:379-389 '62. (MIRA 16:12)

KAPEL'KA, V.I.

Phylum Arthropoda, Class Crustacea, Subclass Maxillopoda, Trudy
SWIIGGIMS no.21:187 '62.
(MIRA 16:12)

KAPEL'KIEVSKIY, G. V.

25810

Novye sorta grechikh shatilovskoy gosselektstantsii. Seleksiya i semenovodstvo,
1949, No. 8, s. 75.

SO: *Letopis'* No. 34

15(2)

AUTHORS:

Zhuravskiy, N. K., Chernushkin, I. T., Kapel'ko, A. N. SOV/72-59-11-11/10

TITLE:

The Use of Volcanic Ash in the Pastes of Electrotechnical
Porcelain

PERIODICAL:

Steklo i keramika, 1959, Nr 11, pp 38-41 (USSR)

ABSTRACT:

M. A. Bezborodov, P. F. Mikhalevich, S. G. Tumanov, V. P. Shvayko, G. N. Voronkov, A. A. Zvyagil'skiy, N. F. Kretova carried out experiments aiming at the production of porcelain free from feldspar. The possibility of using volcanic ash was investigated by the GIKI. In the years 1957-58, such experiments were carried out at the Ordzhonikidze Glass Container and Insulator Plant with Nal'chik volcanic ash and Manaasakoye quartz sand. Table 1 gives the chemical compositions of the volcanic ash and quartz sand. Samples with volcanic-ash contents between 25 and 50% were produced. Their compositions are given in table 2, and their average mechanical, thermal, and dielectric values in table 3. Furthermore, the preparation of the porcelain paste is described in detail. It was prepared by means of the vacuum press of type SM-241 and the vacuum grinding machine VP-220. The baking of insulators was carried out in the oil-fired miniature tunnel kiln

Card 1/2

The Use of Volcanic Ash in the Pastes of
Electrotechnical Porcelain

SOV/72-59-11-11/13

of the GIEKI system. The figure shows the temperature- and gas conditions of the baking process. The composition of the glazing is given in table 4. The average values of the properties of the insulators obtained, which are considered favorable, are listed in table 5. In conclusion, the authors state that volcanic ash constitutes a strong flux, and simplifies, as well as renders more economical, the technological process of porcelain preparation. The baking temperature for insulators can also be lowered by 50-60°, which extends the life of the tunnel kiln. There are 1 figure and 5 tables.

Card 2/2

ARASLANOVA, N.K.; KAPEL'KO, S.F.

Apparatuses for the sampling of granular materials. TSvet. met.
36 no.8:85-86 Ag '63. (MIRA 16:9)
(Sampling—Equipment and supplies) (Granular materials)

KAPEL'KO, V.I.

Effect of anesthesia on cardiac reactivity to the stimulation of the vagus nerve in compensatory hyperfunction of the heart. Trudy Inst.norm.i pat.fiziol. AMN SSSR 7:49-50 '64.

(MIRA 13:6)

1. laboratoriya fiziologii i patologii m'karda (zav. - doktor med.nauk F.Z.Meyerson) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.

MEERSON, F.Z.; KAPELKOV, V.I.

The effect of cardiac hyperfunction on its automaticity and reactivity to the chronotropic effect of the vagus. Cor vasa 7 no.4:264-272 '65.

1. The Laboratory of Physiology and Pathophysiology of the Myocardium, Institute of Normal and Pathological Physiology, Academy of Medical Sciences, Moscow, U.S.S.R.

KAPEL'KO, V.L.

Realization of the negative chronotropic vagal effect in compensatory cardiac hyperfunction. Dokl. AN SSSR 155 no. 3:715-718 Mr '64.
(MIRA 17:5)

1. Institut normal'noy i patologicheskoy fiziologii AMN SSSR.
Predstavleno akademikom A.N.Bakulevym.

KAPELLER, G. V., inzh.

Linked trolleybus manufactured by the SVARZ Plant. Nov. tekh.
zhil.-kom. 1962. Gor.dor.-most.khoz. i transp. no. 2:47-64. '63.
(MIRA 17:5)

KAPELLER, G.V., inzh.; KORYAGIN, O.G., inzh.

Luminescent lighting in trolleybuses. Nov.tekh.zhil.-kcm.khoz.:
Gor.dor.-most.khoz.i transp. no.3:65-71 '63.

(MIRA 17:10)

KAPELLEK, K.

GODAL, A.; KAPELLEK, K.; KALMAN, E.; STRAUSS, P.

Experiments in the transplantation of preserved nerve grafts.
Roshl. chir. 35 no.11:679-684 Oct 56.

1. Z Ustavu pre normalnu a topograficku anatomiu v Bratislave,
prednosta doc. dr. M. Kratochvil, a z chirurgickeho oddelenia
OUMZ Skalica, primar MUDr. P. Strauss.

(NERVES, transpl.

results with preserved grafts (Cs))

CZECHOSLOVAKIA / Human and Animal Morphology (Normal and Pathological). Blood-Vascular System. Vessels. S-5

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79143.

Author : Kratochvil, M., Kapeller, K., Godal, A.
Inst : Not given.

Title : Several Signs of Subterminal and Terminal Ramification of Portal and Arterial Blood Vessels in the Human Liver.

Orig Pub: Ceskosl. morfol., 1957, 5, No 3, 227-236.

Abstract: A study of the corrosive mounts of vessels of the human liver confirmed on the whole, the results of the investigations of Elias (Amer. J. Anat., 1949, 85, 379). In addition, it was established that the small partitioning veins do not proceed in parallel with the interlobar veins, but proceed away from them at under a direct an-

Card 1/2

CZECHOSLOVAKIA / Human and Animal Morphology (Normal and Pathological). Blood-Vascular System. Vessels. S-5

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79143.

Abstract: gle. The arterial branches penetrate into the terminal sector, following on the whole in the direction of the portal branches, and divide into 4-8 entrance arterioli before forming sinus capillaries. Profuse arterio-arterial anastomoses appear. Therefore the intra-hepatic sector of the special hepatic artery should be considered as being an artery of a reticular and not of a terminal type.

Card 2/2

45

KAPELLER, K.; SANDOR, L.; WINKLER, A.; KRATOCHVIL, M.

Effect of 6-azauracil riboside on spermogenesis in rats.
Neoplasma, Bratisl. 7 no.1 suppl:141-143 '60.

(NUCLEOSIDES AND NUCLEOTIDES pharmacol)
(ANTINEOPLASTIC AGENTS pharmacol)
(SPERMATOZOA)

KAPELLER, K.; CIAMPOR, F.; STOLCOVA, M.; UHARCEKOVA, M.

Vegetative innervation of the organs of the epigastric region
in dogs. Bratisl. lek. listy 44 no.2:71-78 31 Jl '64.

1. Katedra anatomie Lek. fak. Univerzity Komenskeho v Bratislave
(veduci MUDr. G. Cierny, C. Sc.)

KAPELLER, K.

The origin and the course of nerves leading to the liver
of the dog. Cesk. morf. 13 no.1:12-14 '65

1. Institute of Anatomy of the Medical Faculty of Komensky's
University, Bratislava.

KAPELLER, K.; CIAMPOR, F.; STOLCOVA, M.; UHARCEKOVA, M.; BAUER, V.

Lumbar splanchnic nerves in the dog. *Cesk. morf.* 13 no.3:220-227
'65.

1. Institute of Anatomy, Medical Faculty of Komensky University,
Bratislava, Czechoslovakia.

KAPELNER, K. L. CERNY, G.; OPATIK, J.; SIMAN, J.

Contribution to innervation of the biliary tract in dogs. Bratisl.
lek. listy 44 no. 9: 541-546 15 N '64

1. Katedra anatomie Lek. fak. Univerzity Komenskeho v Bratislave
(veduci - MUDr. G. Cerny, Sc.).

KAPELLER CO.

Kapeller CO. "A new species of the genus *Stachys* L. from Nakh. ASSR," Trudy Tbilis. botan. in-ta, Vol XII, 1948, p. 223-27 (Resume in Georgian), - Biblio: P. 227

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

KHARADZE, A.; KAPELIK, O.

New species of the genus *Primula* L. from Ciscaucasia. Zam. po sist.
i geog. rast. no. 17:136-139 '53. (MERA 8:9)
(Caucasus, Northern--Primroses)

KAPELNER, O.A.

Def. at
Tbilisi State U.

KAPELLER O. A.

KAPTELLER, O.A.

28303

Novyy vid chistyetsa iz talysha. Zametki po sistematike i gyeografii
rastyeniy (akad. nauk. gruz. SSR, In-T Botaniki), Bpy. 15, 1949 S. 47-51-
Ryeznyomye na gruz. yaz.

SO. LETOPIS NO. 34

KAPELLER, C. A.

The Committee on Stalin Prizes (of the Council of Ministers (MSK) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Kapeller, O. A.	"Flora of Georgia" (Vols I= VIII)	Institute of Botany, Academy of Sciences Georgian SSR
Kemulariya-Natadze, L. M.		
Ketskhoveli, N. N.		
Kutateladze, Sh. I.		
Makashvili, A. K.		
Mandenova, A. P.		
Sakhakia, M. F.		
Sosnovskiy, D. I.		
Ter-Khachaturova, S. Ya.		
Kharadze, A. L.		
Shkhiyan, A. S.		

SC: W-30004, 7 July 1954

14-57-7-15039
Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7,
p 137 (USSR)

AUTHOR: Kapeller, O. A.

TITLE: Data for Identifying Caucasian Species of the Potentilla L. Genus (Materialy k poznaniyu kavkazskikh vidov roda Potentilla L.)

PERIODICAL: Zametki po sistematike i geogr. rasteniy, AN GruzSSR, 1956, Nr 19, pp 16-22, 15

ABSTRACT: The author distinguishes two new groups: 1) the Camilla Kapeller, which he classified after carefully studying the Potentilla Camillae species and comparing its characteristic attributes with those of members of the Campestres, with which this new species was formerly classified; 2) the Elatiores Kapeller nova, which the author classified after studying the species P. elatior, which was formerly thought to

Card 1/2

ZVOLENSKY, M.; KAFELLEROVA, A.; STEFANOVICOVA, V.

Recurrent and chronic respiratory disease in infants. Cesk. pediat. 19 no.8:688-692 Ag '64.

1. II. Detaka klinika Lekarskej fakulty University Komenskeho v Bratislave (prednostka prof. dr. J. Michalickova).

KAPELLO, I. A.

Labor productivity

Introducing weekly-daily charts in constructions of the Ministry of Inland Navigation. Rech. transp. 12 No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952, Unclassified.

NIKIFOROV, Vasiliy Fedorovich, kand.tekhn.nauk; KAPELLO, I.A., red.;
SHTENTSEL', V.K., retsensent; ARKHIPOV, Yury., retsensent;
MAKRUSHINA, A.N., red. izd-va; BOBROVA, V.A., tekhn.red.

[Waterways and harbors] Vodnye puti i porty. Pt.3.[River ports]
Rechnye porty. Moskva, Izd-vo "Rechnoi transport." 1958.
370 p.

(Harbors)

(MIRA 11:12)

GUREVICH, Vitaliy Borisovich, kand.tekhn.nauk; KAPILLO, I. A., inzh.,
retsenzent; RUMYANTSEV, B.M., red.; FEDYAYEVA, N.A., red.issd-va;
KEMNEVA, T.T., tekhn.red.

[Building hydraulic structures of precast reinforced concrete;
calculations, analysis and execution of the operations] Stroitel'stvo
gidrotekhnicheskikh sooruzhenii iz sbornogo zhelezobetona;
raschety, issledovaniia i proizvodstvo rabot. Moskva, Izd-vo
"Rechnoi transport," 1961. 296 p.

(MIRA 15:2)

(Hydraulic structures)
(Precast concrete construction)

KAPELLO, I., inzh.; DENISOVICH, P., inzh.

Sectional reinforced concrete in the construction of fluvial harbors.
Rech.transp. 20 no.4:38-39 Ap '61. (MIRA 14:5)
(Harbors) (Precast concrete construction)

KAPELLO, I., inzh.

New wall design of the lock chamber at the "Trudkommuna" hydro-electric power center. Rech. transp. 21 no.8:36 Ag '62.
(MIRA 18:9)

DUBROVA, Georgiy Alekseyevich, prof.; MIKHAYLOV, A.V., doktor tekhn. nauk, retsenzent; KAPELLO, I.A., inzh., retsenzent; LAGAR'KOV, N.I., inzh., red.; FEDYATEVA, N.A., red.izd-va; BODROVA, V.A., tekhn. re.

[Interaction of ground and structures; calculation of non-cohesive ground loads on hydraulic structures taking deformations into consideration] Vzaimodeistvie grunta i sooruzhenii; raschety nagruzok ot nesviaznykh gruntov na gidrotekhnicheskie sooruzheniya s uchetom deformatsii. Moskva, Izd-vo "Rechnoi transport," 1963. 218 p. (MIRA 16:10)
(Hydraulic structures) (Soil mechanics)

KAPELLO, I.

Better use of potentialities and the possibility of planning
for technical progress in river transportation. Rech.transp.
22 no.1:36-37 Ja '63. (MIRA 16:2)

1. Glavnyy inzh. Glavnogo upravleniya kapital'nogo stroitel'stva
Ministerstva rechnogo flota.
(Inland water transportation--Cost of operation)

KAPSEL'NIK A.M. (Kiev)

V.I.Lenin and public health problems. Vrach.delo no.5:455-458 My '57.
(PUBLIC HEALTH)
(LENIN, VLADIMIR IL'ICH, 1870-1924) (MLRA 10:8)

KOZHEVNIKOV, V.; KAPTEL'NIK, A.

Academician C. Parbon, scientist and public figure. Vrach. de la
no. 1:97-99 '60. (MIRA 13:6)
(PARBON, CONSTANTIN, 1874-)

BEREZIN, A., kand.med.nauk; MEDOVAR, A.; KAPEL'NIK, A.

"Business" in medicine. Okhr. truda i sots. strakh. 5 no.9:
46-47 3 '62. (MIRA 16:5)

1. Rukovoditel' sektora zdravookhraneniya Ukrainskogo nauchno-issledovatel'skogo instituta kommunal'noy gigiyeny (for Berzin). 2. Sotrudniki sektora zdravookhraneniya Ukrainskogo nauchno-issledovatel'skogo instituta kommunal'noy gigiyeny (for Medovar, Kapel'nik).

(UNITED STATES—MEDICAL CARE)

KAPEL'NIKOV, V.A., insh.

Regulating the friction coupling of the cooler fan. Elek.i
tep.tiaga 4 no.1:15-17 Ja '60. (MIRA 13:4)
(Diesel locomotives--Cooling)

KAPEL'NIKOV, V.A., inzh. (Khar'kov)

Device for bearing bushings of traction axles. Elek. i tepl.
tiaga 4 no.11:24-25 N '60. (MIRA 13:12)
(Electric railway motors) (Bearings (Machinery))

KAPEL'NIKOV, V.A., inzh.

Friction clutch with lever connection mechanism. Elek. i tepl. tigrn
5 no.11:28 N '61. (MIRA 14:11)
(Diesel locomotives)

3/133/63/000/004/002/011
A054/A126

AUTHORS: Kapel'nitakiy, V. O., Shved, F. I., Yartsev, M. A., Tulin, N. A.,
Pozdeyev, N. P., Sergeyev, A. B. Merenishcheva, I. I., Kalinina,
Z. M., Pozdnyakov, M. V.

TITLE: Melting of steel and alloys in vacuum furnaces

PERIODICAL: Stal', no. 4, 1963, 325 - 328

TEXT: МХ 15 (ShKh15) and X20H80 (Kh20N80) grade steels often display spotty liquation, bright streaks, and bright skins. Tests for eliminating these defects were carried out by V. N. Kuzovatov, R. F. Maksutov, G. Ye. Mysina, A. V. Shelgayeva, L. A. Zhivichkin, Yu. A. Gayduk, V. S. Galyan, D. A. Soskov, I. I. Khmelev, G. I. Parabina et al. To prevent the rotating movement of the liquid metal, the circuit scheme was modified (under the control of I. S. Pinchuk, Candidate of Technical Sciences) and upon the suggestion of the NIIM (Chelyabinskii nauchno-issledovatel'skiy institut metallurgii/Chelyabinsk Scientific Research Institute of Metallurgy) all ferromagnetic parts were eliminated from the electric system which then was redesigned on a bifilar-coaxial scheme. In

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Melting of steel and alloys in vacuum furnaces

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the current system of the arc a negative reversed connection was realized for generator-induction. The arc was kept constant by a NIIM-pulse generator. The steel for the self-baking electrodes was produced according to the standard method, while care was taken to limit the content of S to 0.006% and that of P to 0.015%. The induction type vacuum furnace (OKB-5715/OKB-571B) with a capacity of 0.5 ton and a vacuum of $1 \mu \text{Hg}$, supplied by a high frequency BГ0 -250-2500/V00-250-2500 type generator, with an inductor voltage of 1,000 (formerly 2,000) and a frequency of 2,500 cps was also revised. The vacuum system consisted of 5 mechanical (BH-6Г/VN-6G) and 3 oil-vapor (BH-4500/EN-4500) pumps. The furnace construction was improved (in co-operation with the Vsesoyuznyy nauchno-issledovatel'skiy institut elektrotekhnicheskogo oborudovaniya/ All-Soviet Scientific Research Institute of Electrotechnical Apparatus and the Chelyabinsk Scientific Research Institute of Metallurgy) by fixing the inductor more rigidly, by applying lever-type vacuum seals, suitable for application in the mnemonic furnace control system, by redesigning the feeding, tilting apparatus, etc. The crucible material - having a marked effect on the metal quality - was also tested. The most uniform macrostructure was obtained with a crucible of melted magnesite, and $30 \mu \text{Hg}$ was found to be the optimum vacuum. The effect

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